L Number	Hits	Search Text	DB	Time stamp
1	11675	((438/625) or (438/626) or (438/627) or	USPAT;	2004/07/23
1	110/3	(438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or	US-PGPUB; EPO; JPO;	22:00
		(438/645) or (438/646) or (438/648) or	DERWENT;	
		(438/653) or (438/656) or (438/660) or	IBM_TDB	
		(438/663) or (438/669) or (438/672) or	_	
		(438/674) or (438/675) or (438/685) or		
		(438/687) or (438/692) or (438/700)).CCLS.	<u> </u>	
2	5058	(((438/625) or (438/626) or (438/627) or	USPAT;	2004/07/23
		(438/629) or (438/631) or (438/632) or	US-PGPUB;	22:01
		(438/633) or (438/637) or (438/643) or	EPO; JPO;	
		(438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or	DERWENT; IBM TDB	
		(438/663) or (438/669) or (438/672) or	1511_155	
		(438/674) or (438/675) or (438/685) or		
		(438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))		
3	0		USPAT;	2004/07/23
		(438/629) or (438/631) or (438/632) or	US-PGPUB;	22:02
		(438/633) or (438/637) or (438/643) or	EPO; JPO;	
		(438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or	DERWENT;	
		(438/663) or (438/669) or (438/672) or	IBM_TDB	
		(438/674) or (438/675) or (438/685) or		
		(438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and		
		adj mechanical\$2 adj polish\$3;;; and   dish43		
4	735	((((438/625) or (438/626) or (438/627) or	USPAT;	2004/07/23
		(438/629) or (438/631) or (438/632) or	US-PGPUB;	22:02
į.		(438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or	EPO; JPO;	
		(438/653) or (438/656) or (438/660) or	DERWENT; IBM TDB	
		(438/663) or (438/669) or (438/672) or		
		(438/674) or (438/675) or (438/685) or		
		(438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3		
5	501		USPAT;	2004/07/23
		or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or	US-PGPUB; EPO; JPO;	22:02
		(438/645) or (438/646) or (438/648) or	DERWENT;	
		(438/653) or (438/656) or (438/660) or	IBM_TDB	
		(438/663) or (438/669) or (438/672) or	_	
		(438/674) or (438/675) or (438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
6	105	dish\$3) and (copper or cu)	***************************************	0004/07/00
6	195	((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or	USPAT; US-PGPUB;	2004/07/23
		(438/633) or (438/637) or (438/643) or	EPO; JPO;	22.00
		(438/645) or (438/646) or (438/648) or	DERWENT;	
		(438/653) or (438/656) or (438/660) or	IBM_TDB	
		(438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or		
		(438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or		
		anti)))		

		1.00/00/00/00/00/00/00/00/00/00/00/00/00/		1 / 7
7	174	(((((((438/625)  or  (438/626)  or  (438/627)	USPAT;	2004/07/23
	1	or (438/629) or (438/631) or (438/632) or	US-PGPUB;	22:04
		(438/633) or (438/637) or (438/643) or	EPO; JPO;	
		(438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or	DERWENT; IBM TDB	}
		(438/663) or (438/669) or (438/672) or	IBM_IBB	
		(438/674) or (438/675) or (438/685) or		
		(438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2)		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)		
9	17	((((((((438/625) or (438/626) or	USPAT;	2004/07/23
		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:05
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
}		(438/643) or (438/645) or (438/646) or	DERWENT;	
]		(438/648) or (438/653) or (438/656) or	IBM_TDB	
		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
10	0	(polish near10 (stop\$4 or anti)) (((((((((438/625) or (438/626) or	USPAT;	2004/07/23
10	0	(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:05
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	22.03
		(438/643) or (438/645) or (438/646) or	DERWENT;	]
		(438/648) or (438/653) or (438/656) or	IBM TDB	
		(438/660) or (438/663) or (438/669) or	1201-122	1
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or	-	
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
ļ		dish\$3) and (copper or cu)) and ((copper		
ľ		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(polish near10 stop\$4)) not		
		(((((((((438/625) or (438/626) or		
		(438/627) or (438/629) or (438/631) or		
		(438/632) or (438/633) or (438/637) or		
		(438/643) or (438/645) or (438/646) or		
		(438/648) or (438/653) or (438/656) or		
		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(polish near10 (stop\$4 or anti)))		
8	17	((((((((438/625) or (438/626) or	USPAT;	2004/07/23
-		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:10
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
		(438/643) or (438/645) or (438/646) or	DERWENT;	
		(438/648) or (438/653) or (438/656) or	IBM_TDB	
		(438/660) or (438/663) or (438/669) or	_	
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
	]	anti)))) and (damascene or trench)) and		
	L	(polish near10 stop\$4)	L	

	174	1//////////////////////////////////////	IICDAM.	2004/07/22
11	174	((((((((438/625) or (438/626) or	USPAT;	2004/07/23
		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:11
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
		(438/643) or (438/645) or (438/646) or	DERWENT;	
		(438/648) or (438/653) or (438/656) or	IBM_TDB	
l		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(passivat\$3 ner ((((((((438/625) or		
		(438/626) or (438/627) or (438/629) or		
		(438/631) or (438/632) or (438/633) or		
		(438/637) or (438/643) or (438/645) or		
		(438/646) or (438/648) or (438/653) or		
		(438/656) or (438/660) or (438/663) or		
		(438/669) or (438/672) or (438/674) or		
		(438/675) or (438/685) or (438/687) or		
		(438/692) or (438/700)).CCLS.) and (cmp	•	
		or (chemical\$2 adj mechanical\$2 adj		
		polish\$3))) and dish\$3) and (copper or		
		cu)) and ((copper or cu) same (diffusion		
		near10 (barrier or anti)))) and		
		(damascene or trench)) and (polish near10		
		stop\$4)) not (((((((438/625) or		
		(438/626) or (438/627) or (438/629) or		
		(438/631) or (438/632) or (438/633) or		
		(438/637) or (438/643) or (438/645) or		
		(438/646) or (438/648) or (438/653) or		
l i				
1		(438/656) or (438/660) or (438/663) or		
		(438/669) or (438/672) or (438/674) or		
		(438/675) or (438/685) or (438/687) or		
		(438/692) or (438/700)).CCLS.) and (cmp		
		or (chemical\$2 adj mechanical\$2 adj		
		polish\$3))) and dish\$3) and (copper or		
		cu)) and ((copper or cu) same (diffusion		1
		near10 (barrier or anti)))) and		
		(damascene or trench)) and (polish near10		
		(stop\$4 or anti)))) (copper or cu))		
12	28	((((((((438/625) or (438/626) or	USPAT;	2004/07/23
		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:26
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
		(438/643) or (438/645) or (438/646) or	DERWENT;	
1		(438/648) or (438/653) or (438/656) or	IBM TDB	
		(438/660) or (438/663) or (438/669) or	_	
		(438/672) or (438/674) or (438/675) or		į
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
1		(passivat\$3 near10 (copper or cu))		

13	27	(((((((((438/625) or (438/626) or	USPAT;	2004/07/23
		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:20
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
		(438/643) or (438/645) or (438/646) or	DERWENT;	
		(438/648) or (438/653) or (438/656) or	IBM_TDB	
		(438/660) or (438/663) or (438/669) or	_	
		(438/672) or (438/674) or (438/675) or		]
		(438/685) or (438/687) or (438/692) or		
	į	(438/700)).CCLS.) and (cmp or (chemical\$2		
	1	adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		ì
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(passivat\$3 near10 (copper or cu))) not		
1		((((((((438/625) or (438/626) or		
1		(438/627) or (438/629) or (438/631) or		
		(438/632) or (438/633) or (438/637) or		
		(438/643) or (438/645) or (438/646) or		
		(438/648) or (438/653) or (438/656) or		
ì		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		į
	1	(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
1		adj mechanical\$2 adj polish\$3))) and		
ļ		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(polish near10 stop\$4))		
14	3	(	USPAT	2004/07/23
		("6599827")).PN.		22:20
15	43	((((((((438/625) or (438/626) or	USPAT;	2004/07/23
		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:27
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
		(438/643) or (438/645) or (438/646) or	DERWENT;	
		(438/648) or (438/653) or (438/656) or	IBM TDB	
		(438/660) or (438/663) or (438/669) or	_	
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		1
		(438/700)).CCLS.) and (cmp or (chemical\$2		
1		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		]
		or cu) same (diffusion near10 (barrier or		]
		anti)))) and (damascene or trench)) and		
		(cap\$4 near10 (copper or cu))		
L	<u> </u>	(Supt (Copper of Cu)	l	1

		T	1 2 2 2 4 4 2 7 4 2 2
16	38 (((((((((438/625) or (438/626) or	USPAT;	2004/07/23
	(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:42
	(438/632) or (438/633) or (438/637) or	EPO; JPO;	
	(438/643) or (438/645) or (438/646) or	DERWENT;	
	(438/648) or (438/653) or (438/656) or	IBM_TDB	
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
	(cap\$4 near10 (copper or cu))) not		
	((((((((((438/625) or (438/626) or		
	(438/627) or (438/629) or (438/631) or		
	(438/632) or (438/633) or (438/637) or		
	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
	(passivat\$3 near10 (copper or cu))) not		
	(((((((((438/625) or (438/626) or		
	(438/627) or (438/629) or (438/631) or		1
	(438/632) or (438/633) or (438/637) or		1
	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		1
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2	1	
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		1
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
	(polish near10 stop\$4)))		

17	28 ((((((((((438/625) or (438/626) or	USPAT;	2004/07/23
	(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:42
	(438/632) or (438/633) or (438/637) or	EPO; JPO;	
	(438/643) or (438/645) or (438/646) or	DERWENT;	
	(438/648) or (438/653) or (438/656) or	IBM_TDB	
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
•	anti)))) and (damascene or trench)) and		
	(cap\$4 near10 (copper or cu))) not		
	((((((((((438/625) or (438/626) or		
	(438/627) or (438/629) or (438/631) or		
	(438/632) or (438/633) or (438/637) or		
	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or	1	
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
	(passivat\$3 near10 (copper or cu))) not		
	((((((((438/625) or (438/626) or	-	
	(438/627) or (438/629) or (438/631) or		
	(438/632) or (438/633) or (438/637) or		
	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or	1	
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
l	(polish near10 stop\$4)))) and plasma	1	1

18	12	(((((((((438/625) or (438/626) or	USPAT;	2004/07/23
		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:45
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
		(438/643) or (438/645) or (438/646) or	DERWENT;	
		(438/648) or (438/653) or (438/656) or	IBM_TDB	
	į	(438/660) or (438/663) or (438/669) or	_	
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
l.		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
ì		anti)))) and (damascene or trench)) and		
		(cap\$4 near10 (copper or cu))) not		
		((((((((((438/625) or (438/626) or		
		(438/627) or (438/629) or (438/631) or		
		(438/632) or (438/633) or (438/637) or		
		(438/643) or (438/645) or (438/646) or		
		(438/648) or (438/653) or (438/656) or		
		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(passivat\$3 near10 (copper or cu))) not		
		(((((((((438/625) or (438/626) or		
		(438/627) or (438/629) or (438/631) or		
		(438/632) or (438/633) or (438/637) or		
		(438/643) or (438/645) or (438/646) or		
		(438/648) or (438/653) or (438/656) or		
		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(polish near10 stop\$4)))) and (plasma		
		same treat\$4)		

19 12	(((((((((((438/625) or (438/626) or	USPAT;	2004/07/23
	(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:45
	(438/632) or (438/633) or (438/637) or	EPO; JPO;	<b>i</b>
	(438/643) or (438/645) or (438/646) or	DERWENT;	
	(438/648) or (438/653) or (438/656) or	IBM_TDB	'
	(438/660) or (438/663) or (438/669) or	_	
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
1	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
	(cap\$4 near10 (copper or cu))) not		
	((((((((((438/625) or (438/626) or		
	(438/627) or (438/629) or (438/631) or		
	(438/632) or (438/633) or (438/637) or		
	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		
	(438/660) or (438/663) or (438/669) or		
ļ	(438/672) or (438/674) or (438/675) or		:
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
1	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
	(passivat\$3 near10 (copper or cu))) not		
	(((((((((438/625) or (438/626) or		
	(438/627) or (438/629) or (438/631) or		1
	(438/632) or (438/633) or (438/637) or		
]	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		1
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		1
	anti)))) and (damascene or trench)) and		
	(polish near10 stop\$4)))) and (plasma		
	same treat\$4)) and clean\$3		

21	0	((((((((((((((((((((((((((((((((((((((	USPAT;	2004/07/23
		(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:46
		(438/632) or (438/633) or (438/637) or	EPO; JPO;	
		(438/643) or (438/645) or (438/646) or	DERWENT;	
		(438/648) or (438/653) or (438/656) or	IBM_TDB	
		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		
		anti)))) and (damascene or trench)) and		
		(cap\$4 near10 (copper or cu))) not		
		((((((((((438/625) or (438/626) or		
		(438/627) or (438/629) or (438/631) or		
		(438/632) or (438/633) or (438/637) or		
		(438/643) or (438/645) or (438/646) or		ĺ
		(438/648) or (438/653) or (438/656) or		
		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		1
		or cu) same (diffusion near10 (barrier or		ĺ
		anti)))) and (damascene or trench)) and		
		(passivat\$3 near10 (copper or cu))) not		
		((((((((438/625) or (438/626) or		
		(438/627) or (438/629) or (438/631) or		
		(438/632) or (438/633) or (438/637) or		
		(438/643) or (438/645) or (438/646) or		
		(438/648) or (438/653) or (438/656) or		
		(438/660) or (438/663) or (438/669) or		
		(438/672) or (438/674) or (438/675) or		
		(438/685) or (438/687) or (438/692) or		
		(438/700)).CCLS.) and (cmp or (chemical\$2		
		adj mechanical\$2 adj polish\$3))) and		
		dish\$3) and (copper or cu)) and ((copper		
		or cu) same (diffusion near10 (barrier or		1
		anti)))) and (damascene or trench)) and		
		(polish near10 stop\$4)))) and (plasma		
		same treat\$4)) and clean\$3) and anneal\$3) and (nitric adj acid)		
1	1	land (utrite ad) acid)	I	1

20	10 (((((((((((438/625) or (438/626) or	USPAT;	2004/07/23
	(438/627) or (438/629) or (438/631) or	US-PGPUB;	22:46
	(438/632) or (438/633) or (438/637) or	EPO; JPO;	22
	(438/643) or (438/645) or (438/646) or	DERWENT;	
	(438/648) or (438/653) or (438/656) or	IBM TDB	
	(438/660) or (438/663) or (438/669) or	1511_155	
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or	.	
	anti)))) and (damascene or trench)) and (cap\$4 near10 (copper or cu))) not		
	(((((((((438/625) or (438/626) or (438/631) or		
	(438/627) or (438/629) or (438/631) or		
	(438/632) or (438/633) or (438/637) or	Ī	
	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		
	(438/660) or (438/663) or (438/669) or	İ	
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
	(passivat\$3 near10 (copper or cu))) not		
	(((((((((438/625) or (438/626) or		
	(438/627) or (438/629) or (438/631) or		
	(438/632) or (438/633) or (438/637) or		
	(438/643) or (438/645) or (438/646) or		
	(438/648) or (438/653) or (438/656) or		
	(438/660) or (438/663) or (438/669) or		
	(438/672) or (438/674) or (438/675) or		
	(438/685) or (438/687) or (438/692) or		
	(438/700)).CCLS.) and (cmp or (chemical\$2		
	adj mechanical\$2 adj polish\$3))) and		
	dish\$3) and (copper or cu)) and ((copper		
	or cu) same (diffusion near10 (barrier or		
	anti)))) and (damascene or trench)) and		
Ì	(polish near10 stop\$4)))) and (plasma		
	same treat\$4)) and clean\$3) and anneal\$3		